

International Symposium on “Basic & Translational Research Targeting Major Diseases”

International Forum for Translational Science (IFTS)

(Jointly organized by C3 Research Foundation & University of Madras Departments of Medical Biochemistry/Zoology/Pathology/Biochemistry & Presidency College (Department of Zoology) – Chennai)

6th March, 2023

Time: 9:00 am to 6:00 pm

Reception/Registration: 8:30 AM

SESSION I

(Venue- Chemical Sciences Auditorium, University of Madras, Guindy Campus)

Inauguration (10.00 to 11:00 AM)

10:00 – 10:05 AM	Tamizh Thai Vazhthu
10:05 – 10:10 AM	Welcome Address: <i>Dr. T. R. Muralidharan</i> , Professor & Head, Department of Cardiology, Sri Ramachandra Institute of Higher Education & Research, Porur, Chennai & C3 Foundation, Chennai, India
10:10 – 10:20 AM	Symposium Overview: <i>Dr. B. Vinodkumar</i> , MD, DM, Associate Professor, Managing Trustee C3 Research Foundation, Chennai, India
10:20 – 10:30 AM	Guest of Honor
10:30 – 10:45 AM	Inaugural Address: <i>Prof. Dr. S. Gowri</i> , M.Tech.(IITM), Ph.D. (IITM), P.D.F. (NTU, Singapore) Vice - Chancellor, University of Madras Chennai, Tamil Nadu, India
10:45 – 10:50 AM	Special Address: <i>Prof. Dr. S. Elumalai</i> , Ph.D. Registrar, The University of Madras, Chennai, Tamil Nadu, India
10:50 – 10:55 AM	Felicitation: <i>Dr. R. R. Krishnamurthy</i> , Ph.D., Director, Guindy Campus, University of Madras <i>Dr. R. Raman</i> , Principal, The Presidency College, Chennai, Tamil Nadu, India
10:55 – 11:00 AM	Vote of Thanks: <i>Dr. P. Kalaiselvi</i> , Professor and Head i/c, Department of Medical Biochemistry, University of Madras, Taramani Campus, Chennai, Tamil Nadu, India

SESSION II

Keynote Address & Faculty Presentation (11:00 – 11:45 AM)

Time	Keynote Speaker	Chairpersons	Panelists
11:00 – 11:45 AM	Topic: Regenerative Medicine - Stem Cells and Patches in Repairing Injured Tissues Speaker: <i>Dr. Jianyi (Jay) Zhang, MD, PhD, FAHA</i> . Professor of Medicine & Biomedical Engineering, Chair, Department of Biomedical Engineering, School of Engineering, University of Alabama at Birmingham, Birmingham, AL, USA.	Dr. A.K. Munirajan , Director, UNOM, Taramani campus Dr. P.K. Kaleena Professor and Head Department of Zoology Presidency College	Dr. B. Anandan , Department of Genetics, UNOM Dr. R. Manikandan , Department of Zoology, UNOM Dr. Sumit Rose , Department of zoology, Presidency College Dr. K. Pugazhendy , Department of Zoology, UNOM

TEA-BREAK (11:45 AM – 12:00 PM)

SESSION III

Faculty Presentations (12:00 AM – 1:00 PM)

Time	Speaker	Chairpersons	Panelists
12:00 – 12:20 PM	Topic: Inherited Arrhythmias Speaker: <i>Dr. T. R. Muralidharan MD, DM</i> , HOD, Department of Cardiology, SRMC: Trustee C3 Research Foundation.	Dr. K. Sivakumari Principal, Government Arts and Science College, Arakkonam	Dr. V. Indira Department of Zoology, Presidency College Dr. R. Shanthi Department of Zoology, UNOM
12:20 – 12:40 PM	Topic: A novel Immunodiagnostic method to predict late-stage diabetes in higher-risk normoglycemic women. Speaker: <i>Dr. V. Aravindan</i> Department of Genetics, UNOM, Chennai, Tamil Nadu, India.	Dr. M. Uma Baskar Principal, Prince Shri Venkateshwara Arts and Science College, Chennai.	Dr. Suresh Mangaiah Department of Clinical biochemistry, Gleneagles Global Health City Dr. S. Milton Prabhu Department of Zoology, UNOM
12:40 – 1:00 PM	Topic: Metabolic changes in Diabetic cardiomyopathy – towards translational application Speaker: <i>Dr. D. Victor Arokia Doss</i> , Associate Professor, Department of Biochemistry, PSG College Of Arts & Science, Coimbatore.	Dr. K. Jaishankar MD DM FIAMS. Director & Clinical lead, Cath lab services, Chennai.	Dr. Kavitha Sankaranarayanan Co Ordinator, Biosciences division of the AUKBC Research centre for Emerging technologies, Anna University. Dr. Satheesh K M.D., M. Med., Ph.D. , Senior Research Scientist, India- Diabetes Research Foundation & Dr. A. Ramachandran's Diabetes Hospitals Core Team Member, Diahome
1:00 – 1:20 PM	Topic: Targeting the Colon Cancer Stem Cells Using Novel Doublecortin Like Kinase 1 Antibody Functionalized Folic Acid – Conjugated Hesperetin Encapsulated Chitosan Nanoparticles		

	Speaker: Dr. Sathish Ramalingam, Department of Genetic Engineering, SRM University		
LUNCH (1:20 – 2:00 PM)			
SESSION IV			
Time	Keynote Speaker	Chairpersons	Panelists
2:00 – 2:20 PM	Topic: Reinventing a Molecular Pathology Laboratory in the COVID Era Speaker: Dr. Rajeshwari Chellappan (Instructor of Pathology, University of Alabama at Birmingham, Alabama, USA)	Dr. A. J. Vanisree Professor Department of Biochemistry, UNOM	Dr. P. Suganthi Department of Microbiology, UNOM Dr. G. Sathya Narayanan Department of Physiology, UNOM
2:20 – 3:00 PM (Keynote Speaker-2)	Topic: Amyloidosis Mechanisms in the Heart & Brain Diseases Keynote Speaker: Dr. Federica del Monte, MD, PhD, FAHA, Professor, College of Medicine, Medical University of South Carolina,	Dr. P. Shanthi ICMR Emeritus Professor, Department of Pathology, UNOM Dr. S. Janarthanan Professor and Head Department of Zoology, UNOM	Dr. M. Santhosh Entrepreneur, Agro products Dr. M. Jayakumar Department of Zoology, UNOM Dr. R. Ilangoan Department of Endocrinology, UNOM Dr. D. Prabu Department of Microbiology, UNOM
SESSION V			
Time	Speaker	Chairpersons	Panelists
3:00 – 3:20 PM	Topic: What is new in lung transplant? Speaker: Dr. T. Sunder, Director Lung Transplant, Apollo Hospitals, Chennai	Dr. Siva Muthukumar MBBS, MS, MCh, DNB, MRCS, Senior Consultant, Cardiothoracic Surgery, Apollo Hospitals	Dr. Arvind Ramanathan, Founder Director, AlloDx India Pvt. Ltd. Dr. M. Ravi, Department of Biochemistry, UNOM
3:20 – 3:40 PM	Topic: Transcription vs. Translation Metrics – A Novel Approach in Disease Diagnosis and Translational Medicine Speaker: Dr. Namakkal S. Rajasekaran Associate Professor of Medicine & Pathology, University of Alabama at Birmingham, USA	Dr. R. Ravindran Professor and Head, Department of Physiology, UNOM Dr. B. Ravisankar Professor and Head, Department of Endocrinology, UNOM	Dr. B. Rayvathy Department of Microbiology, UNOM Dr. R. Venkateswari Department of Medical Biochemistry, UNOM Dr. Abdul Rahim Department of Zoology, Presidency College
3:40 – 4:00 PM	Topic: Diagnostic biomarkers Speaker: Dr. J. Thanislass Professor & Head, Department of Veterinary Biochemistry, Rajiv Gandhi Institute of Veterinary Education and Research, Pondicherry University		
TEA BREAK (4:00 – 4:15 pm)			
SESSION VI/ DATA BLITZ (5 Slides – 5 Minutes Presentation + 2 Minutes Q/A)			
Oral presentation (4:15 – 5:15 pm)			
Scientific Co-Ordinators	Dr. G. Sudhandiran, Associate Professor, Department of Biochemistry, UNOM Dr. B. Ramalingam, Scientist E, Department of immunology, NIRT		
Judges	Dr. Uma, Scientist E (Professor and Head, Department of immunology, NIRT, Chennai) Dr. John Milton (Professor and Head, Department of Zoology, Loyola College, Chennai) Dr. S. Yamini Sudhalakshmi (Department of Medical Biochemistry, UNOM, Chennai) Dr. R Gopal (Quaid- E- Millath college, Chennai)		
SESSION VII			
Valedictory (5:15 to 6:00 PM)			
Awards, Felicitation & Closing Remarks			
5:15 – 5:20 PM	Welcome: Dr. B. Meena, Associate Professor, Department of Zoology, Presidency college		
5:20 – 5:30 PM	Honoring the Guests		
5:30 – 5:45 PM	Valedictory address: Dr. H. Devaraj, Former Vice-Chairman, University Grands Commission (UGC)		
5:45 – 5:50 PM	Felicitation: Dr. V. Ilangoan, Controllor of Examinations, UNOM		
5:50 – 6:00 PM	Awards / Distribution		
6:00 – 6:05 PM	Vote of Thanks: Dr. C. Arulvasu, Professor, Department of Zoology, UNOM		
6:05 PM	National Anthem		

